

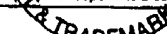
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**JUN 30 2000**

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Substitute for form 1449A/PTO <div style="text-align: center;"> <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>           (use as many sheets as necessary)       </div>				<div style="text-align: center;">  </div> <div style="text-align: center;"> <b>Complete if Known</b> </div>	
				<b>Application Number</b>	<b>09/526,582</b>
				<b>Filing Date</b>	<b>March 16, 2000</b>
				<b>First Named Inventor</b>	<b>Judith Fitzpatrick</b>
				<b>Group Art Unit</b>	
				<b>Examiner Name</b>	
				<b>Attorney Docket Number</b>	<b>SRX 110</b>
Sheet	1	of	10		

## U.S. PATENT DOCUMENTS

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**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>2</sup>
		Office. <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
GC		WO	93/18067	.	Abbott Laboratories	09-16-1993		
GC		WO	96/00903		Oklahoma Medical Research Foundation	01-11-1996		
GC		WO	98/06827		Serex, Inc.	02-19-1998		

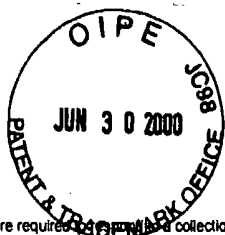
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		Filing Date	March 16, 2000
		First Named Inventor	Judith Fitzpatrick
		Group Art Unit	
		Examiner Name	
Sheet 2 of 10	Attorney Docket Number	SRX 110	

OTHER ART - NON PATENT LITERATURE DOCUMENTS			
Examiner's Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
Ge		"Report of the Expert Panel on Blood Cholesterol Levels in Children and Adolescents," <i>Pediatrics</i> 89:525-584 (1992).	
Ge		"Report of the National Cholesterol Education Program Expert Panel on Detection, Evaluation, and Treatment of High Blood Cholesterol in Adults," <i>Arch. Intern. Med.</i> 148:36-69 (1988).	
Ge		"Report of the Working Group on Atherosclerosis of the National Heart and Lung and Blood Institute," 2 (Washington, D.C.: Government Printing Office, 1981) DHEW Publication No. (NIH) 82-2035).	
Ge		"The Lipid Research Clinics Coronary Primary Prevention Trial Results: II", <i>JAMA</i> , 251:365-374 (1984).	
Ge		ALAUPOVIC, "David Rubinstein Memorial Lecture: The Biochemical and Clinical Significance of the Interrelationship Between Very Low Density and High Density Lipoproteins," <i>Can. J. Biochem.</i> 59:565-579 (1981).	
Ge		ALAUPOVIC, et al., "Characterization of Potentially Atherogenic Triglyceride-rich Lipoprotein Particles," <i>Klin Wochenschr.</i> 68:38-42 (1990).	
Ge		ALAUPOVIC, et al., "Distribution of Lipoprotein Families in Major Density Classes of Normal Human Plasma Lipoproteins," <i>Biochim. Biophys. Acta.</i> 260:689-707 (1972).	
Ge		ALAUPOVIC, et al., "Isolation and characterization of an apoA-II-containing lipoprotein (LP-A-II:B complex) from plasma very low density lipoproteins of patients with Tangier disease and type V hyperlipoproteinemia," <i>J. Lipid Res.</i> 32(1):9-19 (1991).	
Ge		ARNTZENIUS, "Regression of Atherosclerosis - Benefit can be Expected from Low LDL-C and High HDL-C Levels," <i>Acta. Cardiol.</i> 46:431-438 (1991).	
Ge		ASSMANN, et al., "The Hypertriglyceridemias: Risk and Management," <i>Am. J. Cardiol.</i> 68(3):1A-4A (1991).	

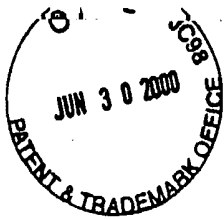
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<b>Substitute for form 1449A/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)	<b>Complete if Known</b>	
	Application Number	09/526,582
	Filing Date	March 16, 2000
	First Named Inventor	Judith Fitzpatrick
	Group Art Unit	
	Examiner Name	
Sheet 3 of 10	Attorney Docket Number	SRX 110

OTHER ART - NON PATENT LITERATURE DOCUMENTS			
Examiner's Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
GC		ATMEH, et al., "Subpopulations of Apolipoprotein A-I in Human High-Density Lipoproteins, Their Metabolic Properties and Response to Drug Therapy," <i>Biochim. Biophys. Acta.</i> 751:175-188 (1983).	
GC		AVOGARDO, et al., "Are Apolipoproteins Better Discriminators than Lipids for Atherosclerosis?" <i>Lancet</i> 1:901-903 (1979).	
GC		BARTH, et al., "Progression and Regression of Atherosclerosis, What Roles for LDL-Cholesterol and HDL-Cholesterol: A Perspective," <i>Eur. Heart J.</i> 12:952-957 (1991).	
GC		BLANKENHORN, et al., "Prediction of Angiographic Change in Native Human Coronary Arteries and Aortocoronary Bypass Grafts," <i>Circulation</i> 81(2):479-476 (1990).	
GC		BRONISLAW, et al., "Lipids of Saliva and Salivary Concretions," in <u>Human Saliva: Clinical Chemistry and Microbiology</u> , vol. II, pp. 121-145, CRC Press Inc. 1989.	
GC		CARDIN, et al., "Degradation of Apolipoprotein B-100 of Human Plasma Low Density Lipoproteins by Tissue and Plasma Kallikreins," <i>J. Biol. Chem.</i> 259(13):8522-8528 (1984).	
GC		CLACKSON, et al., "Making antibody fragments using phage display libraries," <i>Nature</i> 352: 624-628 (1991).	
GC		CURRY, et al., "Determination of Apolipoprotein A and Its Constitutive A-I and A-II Polypeptides by Separate Electroimmunoassays," <i>Clin. Chem.</i> 22(3):315-322 (1976).	
GC		CURRY, et al., "Determination of Human Apolipoprotein E by Electroimmunoassay," <i>Biochim. Biophys. Acta.</i> 439:413-425 (1976).	
GC		CURRY, et al., "Electroimmunoassay, Radioimmunoassay, and Radial Immunodiffusion Assay Evaluated for Quantification of Human Apolipoprotein B," <i>Clin. Chem.</i> 24(2):280-286 (1978).	

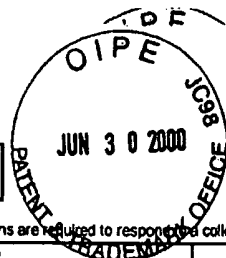
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number	09/526,582
Filing Date	March 16, 2000
First Named Inventor	Judith Fitzpatrick
Group Art Unit	
Examiner Name	
Attorney Docket Number	SRX 110

Sheet 4 of 10

### OTHER ART - NON PATENT LITERATURE DOCUMENTS

Examiner's Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
GC		CURRY, et al., "Quantitative Determination of Human Apolipoprotein C-III by Electroimmunoassay," <i>Biochim. Biophys. Acta.</i> 617:503-513 (1980).	
GC		CWIRLA, et al., "Peptides on phage: A vast library of peptides for identifying ligands," <i>Proc. Natl. Acad. Sci. USA</i> 87:6378-6382 (1990).	
GC		DIEM, et al., <i>Scientific Tables</i> , p. 643, (Ciba-Geigy Pharmaceuticals, 1970).	
GC		FRIEDEWALD, et al., "Estimation of the Concentration of Low-Density Lipoprotein Cholesterol in Plasma, Without Use of the Preparative Ultracentrifuge," <i>Clin. Chem.</i> 18(6):499-502 (1972).	
GC		FRUCHART & AILHAUD, "Apolipoprotein A-Containing Lipoprotein Particles: Physiological Role, Quantification, and Clinical Significance," <i>Clin. Chem.</i> 38(6):793-797 (1992).	
GC		FRUCHART, et al., "Simultaneous measurement of plasma apolipoproteins A-I and B by electroimmunoassay," <i>Clin. Chem.</i> 28(1):59-62 (1982).	
GC		GALEANO, et al., "Apoprotein B structure and receptor recognition of triglyceride-rich low density lipoprotein (LDL) is modified in small LDL but not in triglyceride-rich LDL of normal size," <i>J. Biol. Chem.</i> 269(1):511-9 (1994).	
GC		GALFRE, et al., "Preparation of Monoclonal Antibodies: Strategies and Procedures," <i>Methods Enzymol.</i> 73:3-46 (1981).	
GC		GLENNER, "Formazans and Tetrazolium Salts," In: <i>H.J. Conn's Biological Stains</i> , pp. 225-235, The Williams and Wilkins Company, 1990.	
GC		GODING, "Monoclonal Antibodies: Principles and Practice," pp 56-97, Academic Press, Inc.:New York (1983).	

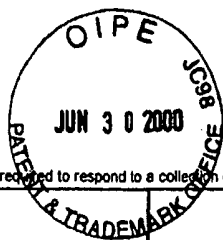
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	09/526,582
		Filing Date	March 16, 2000
		First Named Inventor	Judith Fitzpatrick
		Group Art Unit	
		Examiner Name	
Sheet 5 of 10	Attorney Docket Number	SRX 110	

OTHER ART - NON PATENT LITERATURE DOCUMENTS

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GC		GOHLKE, "Influence of the LDS-/HDL-Cholesterol Ratio on Progression and Regression of Atherosclerotic Lesions. A Review of Controlled Angiographic Intervention Trials," <i>Wien Klin. Wochenschr.</i> 104(11):309-313 (1992).	
GC		GORDON, et al., "High density lipoprotein as a protective factor against coronary heart disease. The Framingham Study," <i>Am. J. Med.</i> 62(5):707-14 (1977).	
GC		HAECKEL, "Factors influencing the saliva/plasma ratio of drugs," <i>Ann. N. Y. Acad. Sci.</i> 694:128-42 (1993).	
GC		HARDUIN, et al., "Modulation of the expression of human LDL-Apo B-100 epitopes by lipids and apolipoproteins," <i>Arterioscler. Thromb.</i> 13(4):529-35 (1993).	
GC		HOLLINGER, et al., "Diabodies: Small bivalent and Bispecific Antibody Fragments," <i>Proc. Natl. Acad. Sci. USA</i> 90:6444-6448 (1993).	
GC		HOOGENBOOM, et al., "Multi-Subunit Proteins on the Surface of Filamentous Phage: Methodologies for Displaying Antibody (Fab) Heavy and Light Chains," <i>Nucl. Acids Res.</i> 19(15):4133-4137 (1991).	
GC		ITO, et al., "Development of an Artificial Antibody System with Multiple Valency Using an Fv Fragment Fused to a Fragment of Protein A," <i>J. Biol. Chem.</i> 268(27):20668-20675 (1993).	
GC		KANE, "Characterization of apolipoprotein B-containing lipoproteins," <i>Methods Enzymol.</i> 129:123-9 (1986).	
GC		KASHYAP, et al., "Radioimmunoassay of human apolipoprotein CII. A study in normal and hypertriglyceridemic subjects," <i>J. Clin. Invest.</i> 60(1):171-80 (1977).	
GC		KEIDAR, et al., "A high carbohydrate-fat free diet alters the proportion of heparin-bound VLDL in plasma and the expression of VLDL-apoB-100 epitopes," <i>Metabolism</i> 39(3):281-8 (1990).	

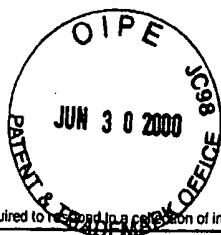
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		Filing Date	March 16, 2000
		First Named Inventor	Judith Fitzpatrick
		Group Art Unit	
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Sheet 6 of 10	Attorney Docket Number	SRX 110	

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Ge		KWITEROVICH, et al., "Comparison of the Plasma Levels of Apolipoprotein B and A-1, and Other Risk Factors in Men and Women with Premature Coronary Artery Disease," <i>Am. J. Cardiol.</i> 69:1015-1021 (1992).	
Ge		KWITEROVICH, et al., "Prevalence of Hyperapobetalipoproteinemia and Other Lipoprotein Phenotypes in Men (Aged <50 Years) and Women (<60 Years) With Coronary Artery Diseases," <i>Am. J. Cardiol.</i> 71:631-639 (1993).	
Ge		LA BELLE, et al., "Increased immunoreactivity of apolipoprotein B epitopes during prolonged storage of low density lipoproteins," <i>Clin. Chim. Acta.</i> 191(3):153-60 (1990).	
Ge		LARSSON, et al, "Lipids in human saliva," <i>Arch. Oral Biol.</i> 41(1):105-10 (1996).	
Ge		LEE, et al., "Properties of Apolipoprotein B in Urea and in Aqueous Buffers - The Use of Glutathione and Nitrogen in its Solubilization," <i>Biochim. Biophys. Acta.</i> 666:133-146 (1981).	
Ge		LOCHNER, "Gas chromatographic - Mass spectrometric analysis of volatile constituents in saliva (profiles)," <i>Dissertation Abstract International</i> Vol. 46, #5B (1985).	
Ge		LOPES-VIRELLA, et al., "Cholesterol Determination in High-Density Lipoproteins Separated by Three Different Methods," <i>Clin. Chem.</i> 23(5):882-884 (1977).	
Ge		LOWMAN, et al., "Selecting High-Affinity Binding Proteins by Monovalent Phage Display," <i>Biochemistry</i> 30:10832-10838 (1991).	
Ge		MACIEJKO, et al., "Apolipoprotein A-I as a Marker of Angiographically Assessed Coronary-Artery Disease," <i>N. Engl. J. Med.</i> 309(7):385-389 (1983).	
Ge		MANDEL & EISENSTEIN, "Lipids in human salivary secretions and salivary calculus," <i>Arch. Oral Biol.</i> 14(2):231-3 (1969).	

Examiner's Signature	<i>Harry Count</i>	Date Considered	4/14/04
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GC		MARCEL, et al., "Expression of human apolipoprotein A-I epitopes in high density lipoproteins and in serum," <i>J. Lipid Res.</i> 28(7):768-77 (1987).	
GC		MCGILL, et al., "Relationship of Blood Cholesterol and Apoprotein B Levels to Angiographically Defined Coronary Artery Disease in Young Males," <i>Coron. Artery Dis.</i> 4(3):261-270 (1993).	
GC		MÉZES, "Construction and Biodistribution Studies of Multivalent Single-Chain Antibodies," <i>Construction and Biodistribution Studies of Multivalent Single-Chain Antibodies, The Fourth Annual IBC International Conference on Antibody Engineering</i> , December 1993, Coronado, CA.	
GC		MILLER & MILLER, "Plasma-high-density-lipoprotein concentration and development of ischaemic heart-disease" <i>Lancet</i> 1(7897):16-9 (1975).	
GC		MILLER, et al., "The Tromso heart-study. High-density lipoprotein and coronary heart-disease: a prospective case-control study," <i>Lancet</i> 1(8019):965-8 (1977).	
GC		MILNE, et al., "The use of monoclonal antibodies to localize the low density lipoprotein receptor-binding domain of apolipoprotein B," <i>J. Biol. Chem.</i> 264(33):19754-60 (1989).	
GC		MULDER, et al., "An Evaluation of Three Commercial Methods for the Determination of LDL-Cholesterol," <i>Clin. Chim. Acta.</i> 143:29-35 (1984).	
GC		OLOFSSON, et al., "Isolation and Partial Characterization of a Polypeptide Belonging to Apolipoprotein B from Low-Density Lipoproteins of Human Plasma," <i>Biochemistry</i> 19:1059-1064 (1980).	
GC		ORTOLA, et al., "Biological Variation Data Applied to the Selection of Serum Lipid Ratios used as Risk Markers of Coronary heart Disease," <i>Clin. Chem.</i> 38(1):56-59 (1992).	
GC		OSBORNE & BREWER, "The plasma lipoproteins," <i>Adv. Protein Chem.</i> 31:253-337 (1977).	

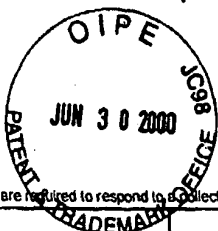
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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known

Application Number	09/526,582
Filing Date	March 16, 2000
First Named Inventor	Judith Fitzpatrick
Group Art Unit	
Examiner Name	
Attorney Docket Number	SRX 110

Sheet 8 of 10

## OTHER ART - NON PATENT LITERATURE DOCUMENTS

Examiner's Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
GC		PARHAM, "Handbook of Experimental Immunology, Vol. 1: Immunochemistry," (Weir, D.M., Editor), Blackwell Scientific Publications:Oxford, 1986.	
GC		PARMLEY, et al., "Filamentous Fusion Phage Cloning Vectors for the Study of Epitopes and Design of Vaccines," <i>Adv. Exp. Med. Biol.</i> 251:215-218 (1989).	
GC		PUCHOIS, et al., "Apolipoprotein A-I Containing Lipoproteins in Coronary Artery Disease," <i>Atherosclerosis</i> 68:35-40 (1987).	
GC		RABINOWITZ & SHANNON, "Lipid changes in human male parotid saliva by stimulation," <i>Arch. Oral Biol.</i> 20(7):403-6 (1975).	
GC		RIFAI, et al., "Introduction," <i>Atherosclerosis</i> 108(Suppl):S1-S2 (1994).	
GC		SAVAGE, et al., "Avidin-Biotin Chemistry: A Handbook," Pierce Chemical Company, Rockford, IL (1992).	
GC		SLOMIANY, et al, "Association of lipids with proteins and glycoproteins in human saliva," <i>J. Dent. Res.</i> 62(1):24-7 (1983).	
GC		SLOMIANY, et al, "Lipid composition of human parotid and submandibular saliva from caries-resistant and caries-susceptible adults," <i>Arch. Oral Biol.</i> 27(10):803-8 (1982).	
GC		SMITH, et al., "The plasma lipoproteins: structure and metabolism," <i>Annu. Rev. Biochem.</i> 47:751-7 (1978).	
GC		SNIDERMAN, et al., "Association of Coronary Atherosclerosis with Hyperapobetalipoproteinemia [Increased Protein but Normal Cholesterol Levels in Human Plasma Low Density (β) Lipoproteins], <i>Proc. Natl. Acad. Sci. USA</i> 77(1):604-608 (1980).	

Examiner's Signature	<i>Darryl L. Smith</i>	Date Considered	4/14/04
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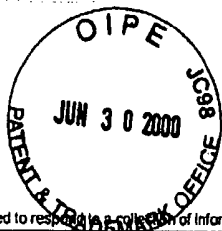
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Applicant Number	09/526,582
		Filing Date	March 16, 2000
		First Named Inventor	Judith Fitzpatrick
		Group Art Unit	
		Examiner Name	
Sheet 9 of 10	Attorney Docket Number	SRX 110	

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GR		PARHAM, "Handbook of Experimental Immunology, Vol. 1: Immunochemistry," (Weir, D.M., Editor), Blackwell Scientific Publications:Oxford, 1986.	
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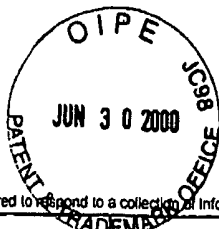
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	09/526,582
		Filing Date	March 16, 2000
		First Named Inventor	Judith Fitzpatrick
		Group Art Unit	
		Examiner Name	
Sheet 10 of 10	Attorney Docket Number	SRX 110	

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Gr		SOCORRO & CAMEJO, "Preparation and Properties of Soluble, Immunoreactive ApoLDL," <i>J. Lipid Res.</i> 20:631-638 (1979).	
Gr		STEIN, et al., "Lipids, Lipoproteins, and Apolipoprotein," In <i>Tietz Textbook of Clinical Chemistry</i> , pp. 1002-1093, W.B. Saunders:Philadelphia, 1994.	
Gr		TORNVALL, et al., "Relation of Plasma Levels and Composition of Apolipoprotein B-Containing Lipoproteins to Angiographically Defined Coronary Artery Disease in Young Patients With Myocardial Infarction," <i>Circulation</i> 88:2180-2189 (1993).	
Gr		TOUCHSTONE, et al., "Quantitation of Cholesterol in Biological Fluids by TLC with Densitometry" <i>Adv. Thin Layer Chromatogr., Proc. Bienn. Symp. Meeting Date 1980</i> , pp. 219-27, Wiley & Sons 2 <sup>nd</sup> ed., 1982.	
Gr		WARNICK, et al., "Dextran Sulfate-Mg <sup>2+</sup> Precipitation Procedure for Quantitation of High-Density-Lipoprotein Cholesterol," <i>Clin. Chem.</i> 28(6):1379-1388 (1982).	
Gr		WEEKS, et al., "Two-site immunochemiluminometric assay for human alpha 1-fetoprotein," <i>Clin. Chem.</i> 29(8):1480-3 (1983).	
Gr		WOLLENWEBER, et al., "Comparative Serum Lipoprotein Analysis by Polyacrylamide Disc Gel and Agarose Gel Electrophoresis," <i>Clin. Chim. Acta.</i> 29:411-420 (1970).	
Gr		WOOD, "Heterogeneous fluoroimmunoassay" In <i>Principles and Practice of Immunoassay</i> , pp. 365-392, Stockton Press:New York, 1991.	

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